

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	81586	ascorbic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L2	276392	acrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L3	442106	acrylic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L4	566784	L2 or L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L5	1851	L1 same L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L6	1019573	inhibit\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L7	809	L5 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L8	84	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L9	11730	vinylsulfon\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L10	203	L7 AND L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L11	374344	water adj soluble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33

## EAST Search History

L12	5033	L6 near5 L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L13	570146	L4 or L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L14	262	L12 same L13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L15	2	("4510147").URPN.	USPAT	OR	ON	2006/11/07 09:33
L16	440612	distill\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L17	91590	ascorbic or ascorbate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L18	6627	(sodium or potassium)adj acrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L19	169	L18 same L17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L20	69	L19 and L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L21	7	L19 same L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L22	16409	polymerization adj inhibitor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L23	65	((polymerization adj inhibitor) and water and (acrylic or acrylate or vinylsulfonate or vinylsulfonic) and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L24	152	L1 near L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34

## EAST Search History

L25	1618	L1 near10 L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L26	0	L4 same L24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L27	41	L4 and L24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L28	1	"47031924"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L29	7	"011820"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L30	1	"49011820"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L31	12	"3209388"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L32	460631	polymeriz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L33	43	L14 same L32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L34	1307463	salt	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L35	8	L33 same L34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L36	2	"6462013".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34

## EAST Search History

L37	577	562/598.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L38	8	L18 near10 L17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L39	0	((polymerization adj inhibitor) and water and (acrylic or acrylate or vinylsulfonate or vinylsulfonic) and salt and distill\$).clm.	US-PGPUB	OR	ON	2006/11/07 09:34
L40	57	((polymerization adj inhibitor) and water and (acrylic or vinylsulfonic) and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:48
L41	5920	L16 and L22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L42	33	((polymerization adj inhibitor) and water and (acrylic or acrylate or vinylsulfonate or vinylsulfonic) and distill\$).clm.	US-PGPUB	OR	ON	2006/11/07 09:34
L43	4	((polymerization adj inhibitor) and water and (acrylic or acrylate or vinylsulfonate or vinylsulfonic) and salt and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L44	2	"6284233".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L45	3561	vinylsulfonate or (vinyl adj sulfonate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:41
L46	277314	I2 or I45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:41
L47	440612	distill\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:42
L48	6631	I46 same I47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:42

## EAST Search History

L49	62780	hydroquinone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:43
L50	370	I48 same I49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:45
L51	1307463	salt	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:45
L52	29	I50 same I51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:54
L53	7488	(sodium or potassium or lithium) adj (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:58
L54	256	I47 same I53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:58
L55	44	I47 near10 I53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:04
L56	20	I47 near5 I53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:59
L57	24	I55 not I56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:32
L58	5	("2005096445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 10:33
L59	2	("20050096445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 10:33
L60	34	((polymerization adj inhibitor) and water and (acrylate or vinylsulfonate) and distill\$.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:50

## EAST Search History

L61	8	((polymerization adj inhibitor) and water and (acrylate or methacrylate or vinylsulfonate)and (salt OR POTASSIUM OR SODIUM or lithium or Na orK or Li)and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:52
L62	11	((inhibitor) and water and (acrylate or methacrylate or vinylsulfonate)and (salt OR POTASSIUM OR SODIUM or lithium or Na orK or Li)and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:11
L63	16	((inhibitor) and water and (acrylate or methacrylate or vinylsulfonate)and (salt OR POTASSIUM OR SODIUM or lithium or zinc or Na or K or Li or zn)and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:11
L64	5	l63 not l62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:17
L65	1	("49011820").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 11:18
L66	4	("3209388").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 11:32
L67	23	"240138"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:43
L68	2	"61180739"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:43

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L3	442106	acrylic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L4	566784	L2 or L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
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L8	84	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L9	11730	vinylsulfon\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L10	203	L7 AND L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L11	374344	water adj soluble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33

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L14	262	L12 same L13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
L15	2	("4510147").URPN.	USPAT	OR	ON	2006/11/07 09:33
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L20	69	L19 and L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:33
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L28	1	"47031924"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L29	7	"011820"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L30	1	"49011820"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L31	12	"3209388"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L32	460631	polymeriz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L33	43	L14 same L32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L34	1307463	salt	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L35	8	L33 same L34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L36	2	"6462013".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34

## EAST Search History

L37	577	562/598.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 12:47
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L39	0	((polymerization adj inhibitor) and water and (acrylic or acrylate or vinylsulfonate or vinylsulfonic) and salt and distill\$).clm.	US-PGPUB	OR	ON	2006/11/07 09:34
L40	57	((polymerization adj inhibitor) and water and (acrylic or vinylsulfonic) and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:48
L41	5920	L16 and L22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L42	33	((polymerization adj inhibitor) and water and (acrylic or acrylate or vinylsulfonate or vinylsulfonic) and distill\$).clm.	US-PGPUB	OR	ON	2006/11/07 12:51
L43	4	((polymerization adj inhibitor) and water and (acrylic or acrylate or vinylsulfonate or vinylsulfonic) and salt and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L44	2	"6284233".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:34
L45	3561	vinylsulfonate or (vinyl adj sulfonate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:41
L46	277314	l2 or l45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:41
L47	440612	distill\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:42
L48	6631	l46 same l47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:42

## EAST Search History

L49	62780	hydroquinone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:43
L50	370	I48 same I49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:45
L51	1307463	salt	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:45
L52	29	I50 same I51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:54
L53	7488	(sodium or potassium or lithium) adj (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:58
L54	256	I47 same I53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:58
L55	44	I47 near10 I53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:04
L56	20	I47 near5 I53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 09:59
L57	24	I55 not I56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:32
L58	5	("2005096445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 10:33
L59	2	("20050096445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 10:33
L60	34	((polymerization adj inhibitor) and water and (acrylate or vinylsulfonate) and distill\$.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:50

## EAST Search History

L61	8	((polymerization adj inhibitor) and water and (acrylate or methacrylate or vinylsulfonate)and (salt OR POTASSIUM OR SODIUM or lithium or Na orK or Li)and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 10:52
L62	11	((inhibitor) and water and (acrylate or methacrylate or vinylsulfonate)and (salt OR POTASSIUM OR SODIUM or lithium or Na orK or Li)and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:11
L63	16	((inhibitor) and water and (acrylate or methacrylate or vinylsulfonate)and (salt OR POTASSIUM OR SODIUM or lithium or zinc or Na or K or Li or zn)and distill\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:11
L64	5	l63 not l62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:17
L65	1	("49011820").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 11:18
L66	4	("3209388").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/07 11:32
L67	23	"240138"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:43
L68	2	"61180739"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 11:43
L69	81	562/115.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/07 12:48
L70	0	l69 and l42	US-PGPUB	OR	ON	2006/11/07 12:52
L71	0	l45 and l42	US-PGPUB	OR	ON	2006/11/07 12:52

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FILE 'HOME' ENTERED AT 10:07:47 ON 07 NOV 2006

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.42

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FILE LAST UPDATED: 5 Nov 2006 (20061105/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> (sodium or potassium or lithium) (acrylate or methacrylate)

MISSING OPERATOR LITHIUM) (ACRYLATE

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sodium or potassium or lithium) acrylate

MISSING OPERATOR LITHIUM) ACRYLATE

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sodium acrylate or potassium acrylate or lithium acrylate)

1069582 SODIUM

36 SODIUMS

1069591 SODIUM

(SODIUM OR SODIUMS)  
 184070 ACRYLATE  
 35962 ACRYLATES  
 193989 ACRYLATE  
 (ACRYLATE OR ACRYLATES)  
 5354 SODIUM ACRYLATE  
 (SODIUM(W) ACRYLATE)  
 606428 POTASSIUM  
 16 POTASSIUMS  
 606430 POTASSIUM  
 (POTASSIUM OR POTASSIUMS)  
 184070 ACRYLATE  
 35962 ACRYLATES  
 193989 ACRYLATE  
 (ACRYLATE OR ACRYLATES)  
 446 POTASSIUM ACRYLATE  
 (POTASSIUM(W) ACRYLATE)  
 314775 LITHIUM  
 365 LITHIUMS  
 314901 LITHIUM  
 (LITHIUM OR LITHIUMS)  
 184070 ACRYLATE  
 35962 ACRYLATES  
 193989 ACRYLATE  
 (ACRYLATE OR ACRYLATES)  
 101 LITHIUM ACRYLATE  
 (LITHIUM(W) ACRYLATE)  
 L1 5738 (SODIUM ACRYLATE OR POTASSIUM ACRYLATE OR LITHIUM ACRYLATE)  
 => (sodium methacrylate or potassium methacrylate or lithium methacrylate)  
 1069582 SODIUM  
 36 SODIUMS  
 1069591 SODIUM  
 (SODIUM OR SODIUMS)  
 214042 METHACRYLATE  
 11828 METHACRYLATES  
 216381 METHACRYLATE  
 (METHACRYLATE OR METHACRYLATES)  
 1102 SODIUM METHACRYLATE  
 (SODIUM(W) METHACRYLATE)  
 606428 POTASSIUM  
 16 POTASSIUMS  
 606430 POTASSIUM  
 (POTASSIUM OR POTASSIUMS)  
 214042 METHACRYLATE  
 11828 METHACRYLATES  
 216381 METHACRYLATE  
 (METHACRYLATE OR METHACRYLATES)  
 310 POTASSIUM METHACRYLATE  
 (POTASSIUM(W) METHACRYLATE)  
 314775 LITHIUM  
 365 LITHIUMS  
 314901 LITHIUM  
 (LITHIUM OR LITHIUMS)  
 214042 METHACRYLATE  
 11828 METHACRYLATES  
 216381 METHACRYLATE  
 (METHACRYLATE OR METHACRYLATES)  
 104 LITHIUM METHACRYLATE  
 (LITHIUM(W) METHACRYLATE)  
 L2 1448 (SODIUM METHACRYLATE OR POTASSIUM METHACRYLATE OR LITHIUM METHACRYLATE)

=> 11 or 12

L3 6881 L1 OR L2

=>

=> distill?

119064 DISTILL?

164205 DISTD

1 DISTDS

164205 DISTD

(DISTD OR DISTDS)

25859 DISTG

175846 DISTN

1777 DISTNS

176585 DISTN

(DISTN OR DISTNS)

L4 375946 DISTILL?

(DISTILL? OR DISTD OR DISTG OR DISTN)

=> 13(1)14

L5 53 L3(L)L4

=> d 15 43-53 ti

L5 ANSWER 43 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Method for producing glycidyl methacrylate with low chlorine content

L5 ANSWER 44 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Swelling behavior of amphoteric gel and the volume phase transition

L5 ANSWER 45 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Water-absorbent resins with excellent gel strength

L5 ANSWER 46 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Drying acrylamide polymers

L5 ANSWER 47 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Synthesis of 2-(glycidylloxy)ethyl esters of acrylic and methacrylic acids

L5 ANSWER 48 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Water-containing resins

L5 ANSWER 49 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Amphoteric thermally regenerable ion exchange resins

L5 ANSWER 50 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Water-soluble anionic acrylate polymers

L5 ANSWER 51 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Submillimeter acrylic polymer particles

L5 ANSWER 52 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Glycerol as a distillation antifoaming agent

L5 ANSWER 53 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Acrylates of (hydroxymethyl)xylene

=> d 15 32-42 ti

L5 ANSWER 32 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of chitosan - sodium acrylate superabsorbent by  $\gamma$ -ray irradiation and its properties

L5 ANSWER 33 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Preparation of saline solution-resistant superabsorbent by copolymerization of acrylic acid with sodium polymannuronate

L5 ANSWER 34 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis and properties of ionic conducting crosslinked polymer and copolymer based on dimethacryloyl poly(ethylene glycol)

L5 ANSWER 35 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Skin preparations containing sucrose fatty acid esters

L5 ANSWER 36 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Preparation and characterization of superabsorbent resin by reversed-phase suspension polymerization

L5 ANSWER 37 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Glycol dispersion of inorganic powder, process for producing the same, and polyester composition containing the dispersion

L5 ANSWER 38 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Swelling behavior of water swelling elastomer in different medium

L5 ANSWER 39 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis and characterization of highly water-absorbing polymers of poly(potassium acrylate-co-acrylamide) by inverse suspension polymerization. I. Effects of reaction parameters on water absorption

L5 ANSWER 40 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Studies of crosslinked poly(AM-MSAS-AA) gels. II. Effects of polymerization conditions on the water absorbency

L5 ANSWER 41 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Hydrogels used for medicine and agriculture

L5 ANSWER 42 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis and characterizations of polyacrylic superabsorbent polymer containing sorbitol

=> d 15 21-31 ti

L5 ANSWER 21 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Study on the synthesis and application of salt-resisting polymeric hydrogels

L5 ANSWER 22 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Production of crosslinked hydrogels using esters of polyalcohols and unsaturated carboxylic acids

L5 ANSWER 23 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Water-borne acrylic emulsion paints

L5 ANSWER 24 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis and characterization of poly(sodium acrylate)/kaolin superabsorbent composite

L5 ANSWER 25 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Distillation method for producing an aqueous alkali acrylate solution

L5 ANSWER 26 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Effect of polymerization inhibitor removal method on polymerization of sodium acrylate



L5 ANSWER 27 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Aqueous solution polymerization of neutralized acrylic acid using  
 Na2S2O5/(NH4)2S2O8 redox pair system under atmospheric conditions

L5 ANSWER 28 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Shaving preparations containing cream components and water-insoluble  
 powders

L5 ANSWER 29 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis of terpolymers as superabsorbents by inverse suspension  
 polymerization

L5 ANSWER 30 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis of superabsorbent with high absorbability in saline water

L5 ANSWER 31 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis of super-water absorbent by graft copolymerizing starch and  
 sodium acrylate

=> d 15 25-26 ti fbib abs

L5 ANSWER 25 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Distillation method for producing an aqueous alkali acrylate solution  
 AN 2003:913133 CAPLUS  
 DN 139:381889  
 TI Distillation method for producing an aqueous alkali acrylate solution  
 IN Fuchs, Eberhard; Martan, Hans; Mueller-Engel, Klaus Joachim  
 PA Basf Aktiengesellschaft, Germany  
 SO PCT Int. Appl., 37 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003095410	A1	20031120	WO 2003-EP4602	20030502
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10220494	A1	20031120	DE 2002-10220494	A 20020507
	AU 2003232246	A1	20031111	AU 2003-232246	20030502
				DE 2002-10220494	A 20020507
				WO 2003-EP4602	W 20030502
	BR 2003009575	A	20050209	BR 2003-9575	20030502
				DE 2002-10220494	A 20020507
				WO 2003-EP4602	W 20030502
	EP 1506153	A1	20050216	EP 2003-749807	20030502
	EP 1506153	B1	20060222		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				DE 2002-10220494	A 20020507
				WO 2003-EP4602	W 20030502
	US 2005096445	A1	20050505	US 2003-510236	20030502
				DE 2002-10220494	A 20020507

CN 1656054	A	20050817	WO 2003-EP4602	W	20030502
			CN 2003-810236		20030502
JP 2005529917	T2	20051006	DE 2002-10220494	A	20020507
			JP 2004-503433		20030502
			DE 2002-10220494	A	20020507
AT 318254	E	20060315	WO 2003-EP4602	W	20030502
			AT 2003-749807		20030502
			DE 2002-10220494	A	20020507

AB A method for producing an aqueous alkali acrylate solution (e.g., aqueous sodium acrylate) is described where acrylic acid is isolated by distillation in the form of a vapor from a mixture and the vapor is directly absorbed from the gaseous phase into an aqueous alkali solution (e.g., aqueous NaOH solution).

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 26 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Effect of polymerization inhibitor removal method on polymerization of sodium acrylate  
AN 2003:709701 CAPLUS  
DN 140:339719  
TI Effect of polymerization inhibitor removal method on polymerization of sodium acrylate  
AU Liu, Ji-Quan; Ding, Li; Wang, Wei-Wen; Qiu, Ru-Chen  
CS College of Chemical Engineering, Qingdao University of Science and Technology, Tsingtao, 266042, Peop. Rep. China  
SO Qingdao Keji Daxue Xuebao, Ziran Kexueban (2003), 24(4), 337-339  
CODEN: QKDXAQ  
PB Qingdao Keji Daxue Xuebao, Ziran Kexueban Bianjibu  
DT Journal  
LA Chinese  
AB The methods of distillation and adsorption by activated carbon were adapted for removing polymerization inhibitor from the acrylic acid. The raw material is acrylic acid after removing polymerization inhibitor, its aqueous polymerization is introduced by the system of ammonium persulfate and sodium bisulfite. The exptl. result shown that adsorption method is distinctly better than distillation to remove polymerization inhibitor. The mol. weight of polymerization product can be over 800+104.

=> d 15 10-20 ti

L5 ANSWER 10 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Synthesis of superabsorbent polymer CMCTS-g-(PAA-co-PVP)

L5 ANSWER 11 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Process for producing a polyfluoroalkyl (meth)acrylate

L5 ANSWER 12 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Microwave irradiation copolymerization of superabsorbents from cornstarch and sodium acrylate

L5 ANSWER 13 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Swelling behavior of poly(sodium acrylate) gels crosslinked by aluminum ions

L5 ANSWER 14 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Preparation method of aluminum coating material using water-proof and mildew-proof acrylic-based resin

L5 ANSWER 15 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Study on synthesis and properties of poly[sodium acrylate/2-acrylamido-2-methylpropyl sulfonic acid]/montmorillonite superabsorbent composite

L5 ANSWER 16 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Cataplast base and cataplast using the same

L5 ANSWER 17 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Drilling fluid and a method for preparation thereof

L5 ANSWER 18 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Preparation and properties of poly(acrylic acid-potassium acrylate)/attapulgite superabsorbent composite

L5 ANSWER 19 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Preparation of unsaturated organosilicon compounds in presence of a stabilizer

L5 ANSWER 20 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Formation of hydrogen bonding in ionized poly(N-isopropylacrylamide) gels by continuous water exchange

=> d 15 1-9 ti

L5 ANSWER 1 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI New formulation of ketoprofen cataplast

L5 ANSWER 2 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis of an alginate-poly(sodium acrylate-co-acrylamide) superabsorbent hydrogel with low salt sensitivity and high pH sensitivity

L5 ANSWER 3 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Preparation of superabsorbent resin of mannitol crosslinked polyacrylate sodium and its properties

L5 ANSWER 4 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Application properties of super absorbent resin - poly(sodium acrylate) crosslinked with mannitol

L5 ANSWER 5 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Thermal destruction of acrylamide copolymers with sodium acrylate in aqueous solutions

L5 ANSWER 6 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis, characterization and thermal stability study of polyelectrolytes (some transition metal salts)

L5 ANSWER 7 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Swelling behaviors of a three-component copolymer (starch graft sodium acrylate and 2-acrylamido-2-methyl-propanosulfonic acid) synthesized by microwave polymerization

L5 ANSWER 8 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthesis of highly water absorbing crosslinked poly(sodium acrylate) by radiation

L5 ANSWER 9 OF 53 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Research on synthesis and properties of poly(sodium acrylate)/montmorillonite superabsorbent composite

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

70.40

70.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.50

-1.50

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:37:35 ON 07 NOV 2006